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DUE
DATE 6-9-94

ACTION *Stiger*
DIST. LTR ENC

BERMAN, H.S.	
CARNIVAL, G.J.	
COPP, R.D.	
CORDOVA, R.C.	
DAVIS, J.G.	
FERRERA, D.W.	
FRANZ, W.A.	
HANNI, B.J.	
HEALY, T.J.	
HEDAHL, T.G.	
HILBIG, J.G.	
HUTCHINS, N.M.	XX
KELL, R.E.	
KIRBY, W.A.	
KUESTER, A.W.	
MAHAFFEY, J.W.	
MANN, H.P.	
MARY, G.E.	
McKENNA, F.G.	
MORGAN, H.V.	
PIZZUTO, V.M.	
POTTER, G.L.	
SANDLIN, N.B.	
SATTERWHITE, D.G.	
SCHUBERT, A.L.	
SETLOCK, G.H.	
STIGER, S.G.	XX
SULLIVAN, M.T.	
SWANSON, E.R.	
WILKINSON, R.B.	
WILSON, J.M.	

Hopkins J XX

Erlich O XX

Rupert M XX

CORRES CONTROL	x	x
ADMIN RECORD/080		
PATST/130G		XX

Reviewed for Addressee
Corres. Control RFP

5/9/94 *am*
DATE BY

Ref Ltr. #

DOE ORDER # 5400.1

RECEIVED (Rev. 01/01)

11#2

States Government

Memorandum

RECEIVED
MAY 06 1994

ER:GL:05263

Test of CURE Water Treatment Process

Sue Stiger, Assistant General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc.

Recently, the Rocky Flats Field Office (RFFO), EG&G, Colorado Department of Health (CDH) and Environmental Protection Agency (EPA) visited Hydrologics Inc. to watch a demonstration of their CURE water treatment process. EPA is now requesting that DOE/RFFO conduct a laboratory scale test of the CURE water treatment technology, using a Rocky Flats water sample. The CURE process is a potential treatment process for waters contaminated with radionuclides and/or heavy metals.

A preliminary discussion with Hydrologics Inc. and Acculabs indicated that the test work could be completed in less than one day, at Acculabs, during the month of June. Therefore, DOE/RFFO requests that EG&G make the required arrangements to conduct a test of the CURE water treatment.

If you have any questions please contact Norma Castaneda at extension 4226 or Michael Harris at extension 4189.

Jessie Roberson
Jessie Roberson
Acting Assistant Manager for
Environmental Restoration

Attachment

cc w/Attachment:
A. Rampertaap, EM-453, HQ
N. Castaneda, ER, RFFO
M. Harris, ER, RFFO
J. Hopkins, EG&G
O. Erlich, EG&G
M. Rupert, EG&G



ADMIN RECCRD
SW-A-003670

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

APR 28 1994

Ref: 8HWM-FF

Ms. Jessie Roberson
U.S. Department of Energy
Rocky Flats Office, Building 116
P.O. Box 928
Golden, Colorado 80402-0928

Dear Ms. Roberson,

On March 16, 1994, members of our respective staffs met with Hydrologics Inc. to discuss issues pertaining the CURE technology. This technology is an electrocoagulation technology that may remove radionuclides and metals present in groundwater

Subsequent staff discussions lead to the belief that this technology could be a potential treatment for Rocky Flats Plant (RFP) groundwater contaminated with radionuclides. I would like to suggest DOE conduct a preliminary screening test on this technology to assess its capabilities in removing radionuclides from groundwater. Your staff has indicated that the test is considered minimum in scope.

Please note that the performance of the suggested preliminary study on the CURE technology will not relieve DOE from carrying out the commitments of the Site-wide treatability Study Program (TSP). If it is found that the CURE technology has the potential to meet cleanup target levels for radionuclides in groundwater, EPA may request DOE perform a more extensive study which could replace one of the studies under the TSP.

I feel that conducting the suggested test will be beneficial in developing innovative technologies to help us solve our problems. Please do not hesitate to contact Arturo Duran of my staff at (303) 294-1080 with any questions you may have on this matter.

Sincerely,

Martin Hestmark, Manager
Rocky Flats Project

cc: Scott Grace, DOE
Gary Baughman, CDH
Dave Norbury, CDH



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